

ABSTRACT OF THE DISCLOSURE

A method and apparatus in which a granular adsorbent, absorbent, chemisorptive, or catalytic material, particularly activated carbon is intermixed with (a) meltable polymer(s), and that the resulting mixture is heated under pressure and pressed into a molded piece (2). We propose to heat the mixture under pressure in a connecting part for a respirator or fan filter unit or in a connecting part (1) for an adapter for a respirator or fan filter unit, thereby positively and/or non-positively compacting it with said connecting part, and to make the connection between said connecting part (1) and said compacted mixture gastight.